

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of inventor(s):

Lukas van Ginneken et al.

Application No. **10/828,547**

Confirmation No. **3884**

Filing Date: **19 April 2004**

Title: **Timing Closure Methodology**

Group Art Unit: **2825**

Examiner: **Vuthe Siek**

CUSTOMER NO. 36454

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE INTERNATIONAL BUSINESS MACHINES CORPORATION UNDER 37 C.F.R. § 3.71 WITH REVOCATION OF PRIOR POWERS

The undersigned ASSIGNEE of fifty percent (50%) interest in the above-identified application for letters patent hereby appoints the following attorneys:

Mark A. Haynes	Reg. No. 30,846
Ernest J. Beffel, Jr.	Reg. No. 43,489
Warren Wolfeld	Reg. No. 31,454
James F. Hann	Reg. No. 29,719
Kenta Suzue	Reg. No. 45,145

to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney by inventor Kudva; said appointment to be to the exclusion of inventor Kudva and his attorneys in accordance with the provisions of 37 C.F.R. §3.71.

The following evidentiary documents establish a chain of title from the original owner to the Assignee:

 x the Assignment from inventor Prabhakar Kudva to International Business Machines Corporation executed on 09 September 2008, attached hereto, which assignment is being submitted to the U.S. Patent and Trademark Office for recordation.

Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of Assignee's knowledge and belief, 50% of the title is in the identified ASSIGNEE.

///

Direct all telephone calls to Mark A. Haynes at (650) 712-0340.

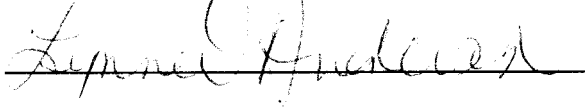
Address all correspondence to:

Mark A. Haynes
HAYNES BEFFEL & WOLFELD LLP
P.O. Box 366
Half Moon Bay, CA 94019
(650) 712-0340 (phone)
(650) 712-0263 (fax)

Date: 11-3-08

ASSIGNEE: INTERNATIONAL BUSINESS MACHINES CORPORATION

Signature:

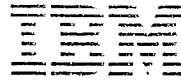


Name:

Lynne D. Anderson

Title:

Sr. Program Manager, USPTO Liaison



North Castle Drive
Armonk, NY 10501

LETTER OF AUTHORITY

I, Patrick Toole, Vice President, Intellectual Property and Standards of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney, authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; requests for the registration of patents as available for licensing, reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Lynne D. Anderson, program manager, U.S. Patent and Trademark Office liaison.

Date: March 30, 2006

A handwritten signature in cursive script, reading "Patrick Toole", is written over a horizontal line.

Patrick Toole
Vice President, Intellectual Property & Standards
International Business Machines Corporation

Application No.: 10/828,547

ASSIGNMENT

Whereas, I/we

(1) **Prabhakar Kudva**, City of New York and State of New York;

have invented certain improvements in

TIMING CLOSURE METHODOLOGY

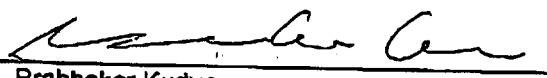
and executed, respectively, a United States patent application therefore on

(1) 09 Sep, 2008

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) 
Prabhakar Kudvaon 09 Sep, 2008

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POWER OF ATTORNEY BY ASSIGNEE SYNOPSIS, INC.
TO EXCLUSION OF INVENTOR VAN GINNEKEN UNDER 37 C.F.R. § 3.71
WITH REVOCATION OF PRIOR POWERS

The undersigned ASSIGNEE of fifty percent (50%) interest in the above-identified application for letters patent hereby appoints the attorneys associated with:

CUSTOMER NUMBER 36454

to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney by inventor van Ginneken; said appointment to be to the exclusion of inventor van Ginneken and his attorneys in accordance with the provisions of 37 C.F.R. §3.71.

The following evidentiary documents establish a chain of title from the original owner to the Assignee:

 x the Assignment from inventor van Ginneken to Magma Design Automation, Inc. recorded on 16 May 2005 on reel 016216, frame 0259, and the Assignment from Magma Design Automation, Inc. to Synopsys, Inc. and to International Business Machines Corporation on 20 September 2007 on reel 019853, frame 0224.

Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of Assignee's knowledge and belief, 50% of the title is in the identified ASSIGNEE.

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Direct all telephone calls to Mark A. Haynes at (650) 712-0340.

Address all correspondence to:

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SYNOPSYS, INC. c/o
HAYNES BEFFEL & WOLFELD LLP
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(650) 712-0340 (phone)
(650) 712-0263 (fax)

Date: November 3, 2008 ASSIGNEE: SYNOPSYS, INC.

Signature: 

Name: Julie Stephenson

Title: Chief IP Counsel, Associate General Counsel